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```
Welcome to STN International! Enter x:x
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LOGINID: ssptabf1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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* * * * * * * * *
                                                  * * * * * * * *
                    Welcome to STN International
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Web Page URLs for STN Seminar Schedule - N. America
NEWS
NEWS
                 "Ask CAS" for self-help around the clock
                New STN AnaVist pricing effective March 1, 2006
NEWS
        FEB 27
        APR 04
                STN AnaVist $500 visualization usage credit offered
NEWS 4
        MAY 10
                CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS
        MAY 11
                KOREAPAT updates resume
NEWS
     6
NEWS
        MAY 19
                Derwent World Patents Index to be reloaded and enhanced
        MAY 30
                IPC 8 Rolled-up Core codes added to CA/CAplus and
NEWS
     8
                 USPATFULL/USPAT2
        MAY 30
                 The F-Term thesaurus is now available in CA/CAplus
NEWS
                 The first reclassification of IPC codes now complete in
NEWS 10
        JUN 02
                 INPADOC
NEWS 11
         JUN 26
                 TULSA/TULSA2 reloaded and enhanced with new search and
                 and display fields
                 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 12
         JUN 28
                Coverage of Research Disclosure reinstated in DWPI
NEWS 13
        JUl 07
NEWS EXPRESS
             JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
```

AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

```
STN Operating Hours Plus Help Desk Availability
NEWS HOURS
NEWS LOGIN
              Welcome Banner and News Items
              For general information regarding STN implementation of IPC 8
NEWS IPC8
NEWS X25
              X.25 communication option no longer available
```

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 Due to STN maintenance on Sunday, July 9th, 2006, some databases
 may not be available until 04:00 (4:00 AM) Eastern Daylight Time.
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FILE 'HOME' ENTERED AT 15:12:38 ON 08 JUL 2006

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 15:12:56 ON 08 JUL 2006 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2006 American Chemical Society (ACS)

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STRUCTURE FILE UPDATES: 7 JUL 2006 HIGHEST RN 891019-54-8 DICTIONARY FILE UPDATES: 7 JUL 2006 HIGHEST RN 891019-54-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>

Uploading C:\Program Files\Stnexp\Queries\10517446\b.str

```
chain nodes :
10  11  12  13  14  15  16  18  19  21  22  24  25  26  27  41
ring nodes :
1  2  3  4  5  6  7  8  9  29  30  31  32  33  34  35  36  37
chain bonds :
10-11  10-24  10-25  10-41  11-12  11-21  11-22  12-13  12-26  13-14  13-18  13-19
14-15  14-16  14-27
ring bonds :
1-2  1-6  2-3  2-7  3-4  3-9  4-5  5-6  7-8  8-9  29-30  29-34  30-31  30-35  31-32
31-37  32-33  33-34  35-36  36-37
exact/norm bonds :
2-7  3-9  7-8  8-9  10-24  10-25  10-41  11-12  11-21  11-22  12-13  12-26  13-18
13-19  14-15  14-16  14-27  30-35  31-37  35-36  36-37
exact bonds :
10-11  13-14
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  29-30  29-34  30-31  31-32  32-33  33-34
```

G1:H,Ak

G2:H, CH3, Et

G3:[*1],[*2]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 18:CLASS 19:CLASS 21:CLASS 22:CLASS 24:CLASS 25:CLASS 26:CLASS 27:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 41:CLASS Generic attributes :

27:

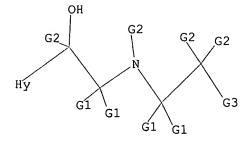
Saturation : Unsaturated

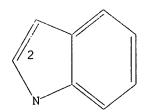
Element Count : Node 27: Limited

N, N1 C, C5

L1 STRUCTURE UPLOADED

=> d L1 HAS NO ANSWERS L1 STR





G1 H, Ak

G2 H, Me, Et

G3 [@1], [@2]

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 15:13:23 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 10475 TO ITERATE

19.1% PROCESSED 2000 ITERATIONS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 203367 TO 215633 241

PROJECTED ANSWERS: 1 TO

1.2 1 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 15:13:27 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 209315 TO ITERATE

209315 ITERATIONS 162 ANSWERS 100.0% PROCESSED

SEARCH TIME: 00.00.16

162 SEA SSS FUL L1 L3

=> file hcaplus

COST IN U.S. DOLLARS SINCE FILE TOTAL

> ENTRY SESSION

1 ANSWERS

FULL ESTIMATED COST 166.94 167.15

FILE 'HCAPLUS' ENTERED AT 15:13:48 ON 08 JUL 2006 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 8 Jul 2006 VOL 145 ISS 3 FILE LAST UPDATED: 7 Jul 2006 (20060707/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

5 L3 L4

=> d ibib 1-5

L4 ANSWER 1 OF 5 RCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:637977 RCAPLUS
DOCUMENT NUMBER: 143:153292
TITLE: Preparation of [2-(2-pyridyl-2-hydroxyethylamino)ethyl]indoles as β3-adrenoceptor stimulants and their intermediates
INVENTOR(5): Unezone, Takashi; Hashizume, Miki Dezone, Takashi; Hashizume, Miki Sumitomo Pharmaceutical Co., Ltd., Japan 500 ACE, JOCAN, JOCAP, CODEN: JMOCAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese

DOCUMENT TYPE:

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE JP 2004-354019 JP 2003-412805 JP 2005194266 PRIORITY APPLN. INFO.: A2 20050721 20041207

OTHER SOURCE(S): MARPAT 143:153292

INVENTOR(S):

DATENT ASSIGNEE(S):

SOURCE:

DOLLENT TYPE:

LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT NO.

PATENT NO.

PATENT NO. APPLICATION NO. PATENT NO. KIND DATE APPLICATION NO. DATE

DATE

PATENT NO. ***PATENT NO. ***DATE

***PATENT NO. ***PA

JP 2003-27529 A 20030204

WO 2003-JP7382 W 20030610

OTHER SOURCE(S): REFERENCE COUNT:

MARPAT 140:59659
106 THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 5
ACCESSION NUMBER:
DOCUMENT NUMBER:
1994:215529 HCAPLUS
120:21529 HC

DOCUMENT TYPE: LANGUAGE: Journal English

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:101728 HCAPLUS
DOCUMENT NUMBER: 114:101728
TITLE: Preparation of indole derivatives as β-adrenergic Preparation of indole derivatives as β-a agonists Fisher, Michael H.: Wyvratt, Matthew J. Merck and Co., Inc., USA Eur. Pat. Appl., 25 pp. CODEN: EPXXDW Patent English

INVENTOR (S):
PATENT ASSIGNEE(S):
SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO.

EP 377488 A1 19900711 EP 1990-300011
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE
US 5030640 A 19910709 US 1989-293785
AU 9047392 A1 19900719 AU 1990-47392
AU 625500 B2 19920716
CA 2007117 AA 19900705 CA 1990-2007117
2A 9000049 A 19900926 ZA 1990-99
JP 02231486 A2 19900913 JP 1990-140
PRIORITY APPLN. INFO.: US 1989-293785 DATE 19900102 19890105 19900102 19900104

OTHER SOURCE(S): MARPAT 114:101728

L4 ANSWER 5 OF 5
ACCESSION NUMBER:
DOCUMENT NUMBER:
1976:543348 HCAPLUS
85:143348
Constituents of Nauclea diderrichii. Part VII.
Synthesis of nauclederine, naucleonine, and naucleonidine; spectroscopic evidence for the structures of 3a-dihydrocadambine and two other constituents
AUTHOR(5):
CORPORATE SOURCE:
SOURCE:
DOCUMENT TYPE:
LANGUAGE:

HEAPLUS COPYRIGHT 2006 ACS on STN
1976:543348 HCAPLUS
85:143348 H

=> d ibib hitstr 3-5

L4 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN ACCESSION NUMBER: 1994:215529 HCAPLUS DOCUMENT NUMBER: 120:215529

DOCUMENT NUMBER: TITLE:

AUTHOR (S):

120:215529
Analytical method development and preformulation stability studies of L-665,871 (a β-agonist) in swine feed
DeMontigny, Pierre: Dave, K. J.
Merck Res. Lab., Rahway, NJ, 07065-0900, USA
Journal of Pharmaceutical and Biomedical Analysis
(1993), 11(10), 947-54
CODEN: JPBADA: ISSN: 0731-7085
Journal CORPORATE SOURCE:

DOCUMENT TYPE: 132197-98-9. L 674239

RL: PRP (Properties)
(stability of, in feed for swine)
132197-98-9 HCAPLUS

3-Pyridinemethanol, 6-amino-a-[[[2-(5-methoxy-IH-indol-3-yl)-1,1-dimethylethyl]amino|methyl]-, (aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

132197-56-9P 132197-57-0P 132197-58-1P
132197-59-2P 132197-63-8P 132197-61-6P
132197-62-7P 132197-63-8P 132197-64-9P
132197-63-0P 132197-66-1P 132197-67-2P
132197-68-3P 132197-69-4P 132197-07-P
132197-71-8P 132197-74-1P 132197-75-2P
132197-77-4P 132197-97-8P 132197-98-9P
132197-99-0P 132198-00-6P 132198-01-7P
132198-02-9P 132198-03-9P 132198-04-0P
132214-86-9P 132214-88-1P
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as β-adrenergic agonist)
132197-56-9 HCAPLUS
3-Pyridinemethanol, 6-amino-α-[{[2-(1H-indol-3-yl)-1-methylethyl]amino|methyl]- (SCI) (CA INDEX NAME)

132197-57-0 HCAPLUS
3-Pyridinemethanol, 6-amino-q-[[[2-(1H-indol-3-yl)-1-methylethyl]amino]methyl-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1)
(salt) (9CI) (CA INDEX NAME)

CRN 132197-56-9 CMF C18 H22 N4 O

CM 2

CRN 77-92-9 CMF C6 H8 07

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN ACCESSION NUMBER: 1991:101728 HCAPLUS DOCUMENT NUMBER: 114:101728

DOCUMENT NUMBER: 114:101728
Preparation of indole derivatives as β-adrenergic agonists
Fisher, Michael H.: Wyvratt, Matthew J.
Merck and Co., Inc., USA
Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW
Patent TITLE:

INVENTOR(S):

PATENT ASSIGNEE (5): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO.			KI	ID DAT	E J	APPLICA	DATE			
	EP	377488		A.	L 199	00711	EP 1990	3-300011		19900102
		R: AT,	BE,	CH, DE	DK, ES	FR, GB,	IT, LI	, LU, NL	, SE	
	US	5030640		A				9-293785		19890105
	AU	9047392		A.	199	00719	AU 1990	3-47392		19900102
	ΑU	625500		8:	199	20716				
	CA	2007117		A.	199	00705	CA 1990	0-2007117		19900104
	ZA	9000049		А	199	00926	ZA 1990)-49		19900104
	JP	02231486		A:	199	00913	JP 1990	1-140		19900105
PRIC	RIT	APPLN.	INFO.	:			15 1989	-293785	A	19890105

Absolute stereochemistry.

132197-96-7 HCAPLUS
3-Byridinecarbonitrile, 2-amino-5-[1-hydroxy-2-[(2-(1H-indol-3-y1)-1-methylethyl]amino|ethyl]-, [S-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

132197-58-1 HCAPLUS
3-Pyridinemethanol, 6-amino-α-{{[2-(1H-indol-3-yl)-1,1-dimethylethyl}amino]methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX

Absolute stereochemistry.

●2 HC1

132197-59-2 HCAPLUS 3-Pyridinemethanol, 6-amino- α -{[[2-(5-methoxy-lH-indol-3-yl)-1,1-dimethylethyl]amino|methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX

Absolute stereochemistry.

●2 HC1

132197-60-5 HCAPLUS
1H-Indol-5-ol, 3-[2-[{2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino}-2-methylpropyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

●2 HC1

132197-61-6 HCAPLUS
3-Pyridinemethanol, 6-amino-a-[[[1,1-dimethyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

● 2 HC1

132197-62-7 HCAPLUS
3-Pyridinemethanol, 6-amino-u-[{[1,1-dimethyl-2-(2-methyl-lH-indol-3-yl)ethyl]amino|methyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

132197-63-8 HCAPLUS 3-Pyridinemethanol, 6-amino- α -{{{1,1-dimethyl-2-{2-methyl-1H-indol-3-

ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

●2 HC1

132197-65-0 HCAPLUS
3-Pyridinemethanol, 6-amino-α-[([2-(5-methoxy-1H-indol-3-y])-1-methylethyl]amino|methyl]-, dihydrochloride, [R-(R*,S*)]- (9Cl) (CA

Absolute stereochemistry.

●2 HC1

132197-66-1 HCAPLUS 3-Pyridinemethanol, 6-amino- α -{[[1-methyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, {R-(R*,R*)}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

132197-67-2 HCAPLUS
3-Pyt-Idinemethanol, 6-amino-u-[[[1-methyl-2-[5-[phenylmethoxy]-lH-indol-3-yl]ethyllamino|methyl]-, [R-(R-,5*)]- [9CI] (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued) yllethyllaminojmethyl]-, (R)-, (22)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CH 1

CRN 132197-62-7 CMF C20 H26 N4 O

Absolute stereochemistry.

CP4 2

CRN 110-16-7 CMF C4 H4 O4

Double bond geometry as shown.

132197-64-9 HCAPLUS

3-Pyridinemethanol, 6-amino-q-[[[2-{5-methoxy-lH-indol-3-yl}-l-methylethyl}amino]methyl]-, dihydrochloride, [R-(R*,R*)]- [9CI] (CA FY

Absolute stereochemistry.

ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

RN 132197-68-3 HCAPLUS
CN 1H-Indol-5-ol,
3-{2-[(2-(6-amino-3-pyridiny1)-2-hydroxyethy1]amino]propy1}-,
dihydrochloride, {R-(R*,S*)}- (SCI) (CA INDEX NAME)

Absolute stereochemistry.

●2 HC1

RN 132197-69-4 HCAPLUS CN 1H-Indol-5-ol, 3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino[propyl]-, dihydrochloride, [R-{R*,R*)}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

●2 HC1

132197-70-7 HCAPLUS
3-Pyridinemethano1, 6-amino-q-{{[2-(1H-indol-3-yl)-1-methylethyl]amino|methyl]-, (R-(R*,R*))- (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Me N NH

RN 132197-71-8 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-q-[[[2-(lH-indol-3-yl)-1-methylethyl]amino]methyll-, [R-(R*,R*]]-, 2-hydroxy-1,2,3-propanetricarboxylate [1:1] [salt] (9CI) (CA INDEX NAME)

CM 1 CRN 132197-70-7 CMF C18 H22 N4 O

Absolute stereochemistry.

CH 2 CRN 77-92-9 CMF C6 H8 07

CO2H | | HO2C - CH2 - C- CH2 - CO2H

RN 132197-74-1 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-y1)-1,1-dimethylethyl]amino]methyl]-, 1-oxide, (R)- [9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Me Me NH2

RN 132197-98-9 HCAPLUS CN 3-Pyridinemethanol, 6-amino- α -[[[2-(5-methoxy-lH-indol-3-y1)-1,1-dimethylethyllamino]methyll-, (α R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 132197-99-0 HCAPLUS
CN 1H-Indol-5-01, 3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]-2-methylpropyll-, (8)- (9C1) (CA INDEX NAME)

Absolute stereochemistry.

HO NH NH2

RN 132198-00-6 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-{{{1,1-dimethyl-2-{5-{phenylmethoxy}-1H-indol-3-yl]ethyl]amino}methyl}-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Ph O He Me NH2

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

He He NH2

Absolute stereochemistry.

He N N N N N Pr-1

RN 132197-77-4 HCAPLUS
CN 3-Pyridinecarbonitrile, 2-amino-5-[1-hydroxy-2-[[2-(1H-indol-3-y1)-1-methylethyl]amino]ethyl]-, {R-{R*,R*}}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

H NH2 NH2 CN

RN 132197-97-8 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-{{[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued 132198-01-7 HCAPLUS (CONTINUED

Absolute stereochemistry.

Meo NH2

RN 132198-02-8 HCAPLUS CN 1H-Indol-5-ol, 3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, [R-(R*,5*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

HO S N B NH2

RN 132198-03-9 HCAPLUS CN 1H-Indol-5-ol, 3-[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, [R-(R-,R-)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

HO R NH2

RN 132198-04-0 HCAPLUS CN 3-Pyridinemethanol, 6-amino-5-chloro- α -[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, {R}- {9CI} (CA INDEX NAME)

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

132214-86-9 HCAPLUS

3-Pyridinemethanol, 6-amino-5-chloro-q-[{{2-{1H-indol-3-yl}-1,1-dimethylethyl]amino|methyl}-, dihydrochloride, (R)- (9CI) (CA INDEX

Absolute stereochemistry.

●2 HC1

132214-88-1 HCAPLUS 3-Pyridinemethanol, 6-amino- α -[{[2-{5-methoxy-1H-indol-3-yl}-1-methylethyl]amino|methyl]-, {R-{R',S'}}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 5 OF 5
ACCESSION NUMBER:
DOCUMENT NUMBER:
1976:543348 HCAPLUS

CONSTITUTE:
55:143348
Constituents of Nauclea diderrichii. Part VII.
Synthesis of nauclederine, naucleonine, and
naucleonidine; spectroscopic evidence for the
structures of 3a-dihydrocadambine and two other
constituents

CORPORATE SOURCE:
CORPORATE SOURCE:
SOURCE:
COMPORATE SOURCE:
DOCUMENT TYPE:
LANGUAGE:
LANGUAGE:
LANGUAGE:
CORPORATE SOURCE:
COMPORATE SOURCE:
COMPORA

CODEN: CJCHAG; ISSN: 0008-4042

DOCUMENT TYPE: Journal
LANGUAGE: English

IT 60699-82-3P

RL: RCT (Reactant): SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation and cyclization of, nauclederine from)

RN 60699-82-3 HCAPUMS

CN 3-Pyridinecarboxylic acid, 5-{1-hydroxy-2-{{2-(1H-indol-3-y1)ethyl}amino]ethyl}-, methyl ester (9CI) (CA INDEX NAME)

=> file reg COST IN U.S. DOLLARS

SINCE FILE TOTAL SESSION 23.82 190.97

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 15:15:40 ON 08 JUL 2006 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2006 American Chemical Society (ACS)

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STRUCTURE FILE UPDATES: 7 JUL 2006 HIGHEST RN 891019-54-8 DICTIONARY FILE UPDATES: 7 JUL 2006 HIGHEST RN 891019-54-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>

Uploading C:\Program Files\Stnexp\Queries\10517446\b2.str

```
chain nodes :
10  11  12  13  14  15  18  32
ring nodes :
1  2  3  4  5  6  7  8  9  20  21  22  23  24  25  26  27  28
chain bonds :
10-11  10-32  11-12  12-13  13-14  14-15  14-18
ring bonds :
1-2  1-6  2-3  2-7  3-4  3-9  4-5  5-6  7-8  8-9  20-21  20-25  21-22  21-26  22-23
  22-28  23-24  24-25  26-27  27-28
exact/norm bonds :
2-7  3-9  7-8  8-9  10-32  11-12  12-13  14-15  14-18  21-26  22-28  26-27  27-28
exact bonds :
10-11  13-14
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  20-21  20-25  21-22  22-23  23-24  24-25
```

G1:H,Ak

G2:H,CH3,Et

G3: [*1], [*2]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 18:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 32:CLASS Generic attributes :

18:

Saturation : Unsaturated

Element Count : Node 18: Limited

N,N1 C,C5

L5 STRUCTURE UPLOADED

=> s 15

SAMPLE SEARCH INITIATED 15:15:58 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 10475 TO ITERATE

2000 ITERATIONS 1 ANSWERS 19.1% PROCESSED

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 203367 TO 215633 PROJECTED ANSWERS: 1 TO 241

L6 1 SEA SSS SAM L5

=> s 15 full

FULL SEARCH INITIATED 15:16:01 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 209315 TO ITERATE

98.5% PROCESSED 206090 ITERATIONS 167 ANSWERS

100.0% PROCESSED 209315 ITERATIONS 167 ANSWERS

SEARCH TIME: 00.00.16

L7 167 SEA SSS FUL L5

=> file hcaplus

COST IN U.S. DOLLARS SINCE FILE E FILE TOTAL ENTRY SESSION TOTAL

357.91 FULL ESTIMATED COST 166.94

FILE 'HCAPLUS' ENTERED AT 15:16:21 ON 08 JUL 2006 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 8 Jul 2006 VOL 145 ISS 3 FILE LAST UPDATED: 7 Jul 2006 (20060707/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 17 L8 5 L7

=> d ibib 1-5

L8 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2006 ACS ON STN
ACCESSION NUMBER: 2005:637977 HCAPLUS
DOCUMENT NUMBER: 143:153292
TITLE: PREPARED ACCESSION OF ACCESSION NUMBER: 143:153292

143:153292
Preparation of {2-{2-pyridyl-2-hydroxyethylaminolethyllindoles as B3-adcenoceptor atimulants and their intermediates intermediates. SUBJECT ACCESSION OF ACC

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

DATE APPLICATION NO. KIND JP 2004-354019 JP 2003-412805 JP 2005194266 PRIORITY APPLN. INFO.: 20041207 A 20031211 A2 20050721

OTHER SOURCE(S): MARPAT 143:153292 L8 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2006 ACS ON STN ACCESSION NUMBER: 2003:1006950 HCAPLUS DOCUMENT NUMBER: 140:59659

140:59659
Preparation of indole, indazole, and bentazole derivatives as β3-adrenergic receptor agonists Ueno, Yoshihide: Noquehi, Tauyusahi: Hirota, Kotaro; Sawada, Nobuyuki: Umertume, Takashi Sumitomo Pharmaceuticals Co., Ltd., Japan PCT Int. Appl., 183 pp.
CODEN: PIXXD2
Patent
Japanese
1 TITLE: INVENTOR(S):

PATENT ASSIGNEE (S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

DATE PATENT NO. KIND DATE APPLICATION NO. PATENT NO. KIND DATE APPLICATION NO. DATE

2003106418 A1 20031224 W0 2003-JP7382 20030610

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, CM, CM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, KR, LS, LT, LU, LV, MA, MD, NG, MK, NM, MM, MC, MZ, NI, NO, NZ, CM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TM, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZM

RW: GH, GM, KE, LS, NM, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, LM, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GM, GO, CM, ML, MR, NE, SN, TD, TG

CA 2488699 A1 20031231 AV 2003-248699 20030610

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, JU, NL, SE, MC, PT, US 2006063762 A1 20050316 AV 2003-736143 20030610

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, JU, NL, SE, MC, PT, US 2006063762 A1 200406372 US 2004-517446 20041209

PRIORITY APPLN. INFO: JP 2003-27529

A 20030204 WO 2003-JP7382 w 20030610

OTHER SOURCE(S): REFERENCE COUNT:

MARPAT 140:59659
106 THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2006 ACS ON STN ACCESSION NUMBER: 1994:215529 HCAPLUS DOCUMENT NUMBER: 120:215529
TITLE: Analytical method development

120:215529
Annalytical method development and preformulation stability studies of L-665,871 (a β-agonist) in swine feed performed by the stable stab

AUTHOR(S): CORPORATE SOURCE:

DOCUMENT TYPE: LANGUAGE:

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN ACCESSION NUMBER: 1991:101728 HCAPLUS DOCUMENT NUMBER: 114:101728
TITLE: Preparation of the company of th

Preparation of indole derivatives as β-adrenergic agonists
Fisher, Michael H.: Wyvratt, Matthew J.
Merck and Co., Inc., USA
Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW
Patent
English
1

INVENTOR(S): PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

OTHER SOURCE(S):

PATENT NO. KIND DATE APPLICATION NO.

EP 377488 A1 19900711 EP 1990-300011
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LV, NL, SE
US 5030640 A 19910709 US 1989-293785
AU 9047392 A1 19900719 AU 1990-47392
AU 625500 B2 19920716
CA 2007117 AA 19900705 CA 1990-2007117
ZA 9000049 A 19900926 ZA 1990-49
JP 02231486 A2 19900913 JP 1990-140
PRIORITY APPLN. INFO.: US 1989-293785 A 19900102 19890105 19900102 19900104 19900104 19900105 A 19890105

MARPAT 114:101728

L8 ANSWER 5 OF 5
ACCESSION NUMBER:
DOCUMENT NUMBER:
TITLE:

AUTHOR(5):
CORPORATE SOURCE:
SOURCE:
SOURCE:
DOCUMENT TYPE:
LANGUAGE:

B HCAPLUS COPPRIGHT 2006 ACS on STN
1976:543348 HCAPLUS
1976:543348 HCAPLUS
Constituents of Nauclea diderrichii. Part VII.
Synthesis of nauclederine, naucleonine, and naucleonidine; spectroscopic evidence for the structures of 3a-dihydrocadambine and two other constituents
AUTHOR(5):
CORPORATE SOURCE:
SOURCE:
CORPORATE SOURCE:
DOCUMENT TYPE:
LANGUAGE:
DOCUMENT TY

=> d ibib hitstr 3-5

L8 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN ACCESSION NUMBER: 1994:215529 HCAPLUS DOCUMENT NUMBER: 120:215529 HCAPLUS 120:215529 HCAPLUS Analytical matter.

120:215529
Analytical method development and preformulation stability studies of L-665,871 (a B-agonist) in swine feed
DeMontigny, Pierre: Dave, K. J.
Merck Res. Lab., Rahway, NJ, 07065-0900, USA
Journal of Phartaceutical and Biomedical Analysis
(1993), 11(10), 947-54
CODEN: JPBADA; ISSN: 0731-7085
Journal AUTHOR(S): CORPORATE SOURCE: SOURCE:

Absolute stereochemistry.

ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

132197-56-9P 132197-57-0P 132197-58-1P
132197-59-2P 132197-63-8P 132197-61-6P
132197-62-7P 132197-63-8P 132197-64-9P
132197-65-0P 132197-66-1P 132197-67-2P
132197-68-3P 132197-69-4P 132197-07P
132197-11-8P 132197-74-1P 132197-75-2P
132197-77-4P 132197-97-8P 132197-98-9P
132198-02-8P 132198-00-6P 132198-01-7P
132198-02-8P 132198-03-9P 132198-04-0P
132198-02-8P 132198-03-9P 132198-04-0P
132197-56-9 13214-88-1P
RL: SPN (Synthetic preparation), PREP (Preparation)
(preparation of, as β-adtenergic agonist)
132197-56-9 HCAPLUS
3-Pyridinemethanol, 6-amino-a-[[[2-(1H-indol-3-y1)-1-methylethyl]amino]methyl]- (9CI) (CA INDEX NAME)

132197-57-0 HCAPLUS
3-Pyridinemethanol, 6-amino-a-[[[2-(lH-indol-3-yl)-1-methylethyl]amino|methyl]-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1)
(salt) (9CI) (CA INDEX NAME)

CRN 132197-56-9 CMF C18 H22 N4 O

CM 2

CRN 77-92-9 CMF C6 H8 O7

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN ACCESSION NUMBER: 1991:101728 HCAPLUS DOCUMENT NUMBER: 114:101728

DOCUMENT NUMBER: TITLE: 114:101728
Preparation of indole derivatives as B-adrenergic agonists
Fisher, Michael H.; Wyvratt, Matthew J.
Merck and Co., Inc., USA
Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW
Patent

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

	PAT	TENT	NO.			KIN	•	DATE		A	PPI	LICAT	ION	NO.			DATE	
							-									•		-
	EP	3774	88			Al		1990	0711	E	2 1	990-	3000	111			1990010	2
		R:	AT.	BE.	CH.	DE.	DK.	ES.	FR.	GB,	T.	LI.	w.	NL.	SE			
	US	5030				A			0709			989-					1989010	5
	AU	9047	392			Al		1990	0719	A	, 1	990-	4739	2			1990010	2
	AU	6255	00			B2		1992	0716									
	CA	2007	117			AA		1990	0705	C	١,	990-	2007	1117			1990010	4
		9000				A		1990	0926	Z	. 1	1990-	49				1990010	4
	JP	0223	1486			A2		1990	0913	J	2 1	990-	140				1990010	5
p to		V 200		INFO							. 1	989-	7931	185		А	1989010	5

Absolute stereochemistry.

132197-96-7 HCAPLUS
3-Pyridinecarbonitrile, 2-amino-5-[1-hydroxy-2-{{2-(1H-indol-3-yl)-1-methylethyllamino|ethyll-, (5-(R*,5*)]- {9C1} (CA INDEX NAME)

Absolute stereochemistry.

ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

132197-58-1 HCAPLUS 3-Pyridinemethanol, 6-amino- α -{{[2-(1H-indol-3-y1)-1,1-dimethylethyl]amino]methyl}-, dihydrochloride, {R}- (9CI) (CA INDEX

Absolute stereochemistry.

●2 HC1

132197-59-2 HCAPLUS 3-Pyridinemethanol, 6-amino- α -[[[2-(5-methoxy-lH-indol-3-yl)-1,1-dimethylethyl]amino|methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX

Absolute stereochemistry.

●2 HC1

132197-60-5 HCAPLUS
1H-Indol-5-ol, 3-[2-({2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]-2-methylpropyl}-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

●2 HC1

132197-61-6 HCAPLUS 3-Pyridinemethanol, 6-amino- α -[[[1,1-dimethyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, dihydrochloride, (R)- (9C1) (CA INDEX

Absolute stereochemistry.

NAME)

●2 HC1

132197-62-7 HCAPLUS 3-Pyridinemethanol, 6-amino- α -{{{1,1-dimethyl-2-(2-methyl-lH-indol-3-yl)ethyl}amino|methyl}-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

132197-63-8 HCAPLUS 3-Pyridinemethanol, 6-amino- α -[[[1,1-dimethyl-2-(2-methyl-1H-indol-3-

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued) yl)ethyl]amino]methyl]-, (R)-, (2Z)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CH 1

CRN 132197-62-7 CMF C20 H26 N4 O

Absolute stereochemistry.

CPH 2

CRN 110-16-7 CMF C4 H4 O4

Double bond geometry as shown.

132197-64-9 HCAPLUS 3-Pyridinemethanol, 6-amino- α -[[[2-(5-methoxy-1H-indol-3-yl)-1-methylethyl]amino]methyl]-, dihydrochloride, [R-(R*,R*)]- (9CI) (CA ry INDEX

Absolute stereochemistry.

(Continued) ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

●2 HC1

132197-65-0 HCAPLUS 3-Pyridinemethanol, 6-amino- α -[{{2-(5-methoxy-lH-indol-3-yl)-1-methylethyl]amino|methyl]-, dihydrochloride, {R-(R*,S*)}- (9Cl) (CA NAME

Absolute stereochemistry.

●2 HC1

132197-66-1 HCAPLUS 3-Pyridinemethanol, 6-amino- α -[[[1-methyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

132197-67-2 HCAPLUS 3-Pyridinemethanol, 6-amino- α -[[{1-methyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino|methyl]-, [R-(R*,5*)]- [9CI) (CA INDEX NAME)

Absolute stereochemistry.

ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 132197-68-3 HCAPLUS CN 1H-Indol-5-ol, 3-[2-[{2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, dihydrochloride, [R-{R*,S*}]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

●2 HC1

RN 132197-69-4 HCAPLUS
CN 1H-Indol-5-ol,
3-{2-[2-(6-amino-3-pyridiny1)-2-hydroxyethyl]amino]propyl}, dihydrochloride, [R-{R*,R*}]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

●2 HC1

132197-70-7 HCAPLUS 3-Pyridinemethanol, 6-amino- α -[[[2-{1H-indol-3-y1}-1-methylethyl]amino]methyl}-, [R-{R*,R*}]- (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Me R N NH2

RN 132197-71-8 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-a-[{[2-(1H-indol-3-yl]-1-methylethyllamino]methyl]-, [R-(R*,R*)]-, 2-hydroxy-1,2,3-propanetricarboxylate (1:11 [salt) (9CI) (CA INDEX NAME)

CH 1

CRN 132197-70-7 CMF C18 H22 N4 O

Absolute stereochemistry.

CH 2

CRN 77-92-9 CMF C6 H8 O7

RN 132197-74-1 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[{2-(1H-indol-3-yl)-1,1-dimethylethyl]amino|methyl}-, 1-oxide, (R)- (9C1) (CA INDEX NAME)

Absolute stereochemistry.

LB ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued

RN 132197-98-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-u-[[[2-(5-methoxy-1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (qR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 132197-99-0 HCAPLUS
CN 1H-Indol-5-ol, 3-[2-[{2-(6-amino-3-pyridinyl)-2-hydroxyethyl}amino]-2-methylpropyl}-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 132198-00-6 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-{[[1,1-dimethyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 132197-75-2 HCAPLUS
CN Propanamide, N-{5-{1-hydroxy-2-{{2-{1H-indol-3-yl}-1-methylethyl}amino}ethyl}-2-pyridinyl}-2-methyl-, {R-{R*,R*}}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 132197-77-4 HCAPLUS
CN 3-Pyridinecarbonitrile, 2-amino-5-{1-hydroxy-2-{{2-(1H-indol-3-yl)-1-methylethyl]amino]ethyl}-, {R-(R*,R*)}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 132197-97-8 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl)-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued) RN 132198-01-7 HCAPLUS CN 3-Pyridinemethanol, 6-amino- α -[{{2-(5-methoxy-1H-indol-3-y1)-1-methylethyl]amino]methyl}-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 132198-02-8 HCAPLUS CN 1H-Indol-5-ol, 3-[2-[[2-(6-amino-3-pyridiny1)-2-hydroxyethy1]amino]propy1]-, [R-(R*,5*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry

RN 132198-03-9 HCAPLUS CN 1H-Indol-5-ol, 3-{2-{[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl}-, {R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 132198-04-0 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-5-chloro-u-{[{2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 132214-86-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-5-chloro-a-[{(2-(1H-indol-3-yl)-1,1-dimethylethyl]amino}methyl]-, dihydrochloride, {R}- {9CI} (CA INDEX NAME)

Absolute stereochemistry.

●2 HC1

132214-00-1 HCAPLUS 3-Pyridinemethanol, 6-amino- α -{{{2-(5-methoxy-1H-indol-3-yl)-1-methylethyl}amino}methyl}-, {R-(R',S')}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 5 OF 5
ACCESSION NUMBER:
DOCUMENT NUMBER:
1976:543348 HCAPLUS
85:143348
Constituents of Nauclea diderrichii. Part VII.
Synthesis of nauclederine, naucleonine, and naucleonidine; spectroscopic evidence for the structures of 3a-dihydrocadambine and two other constituents
AUTHOR(5):
CORPORATE SOURCE:
SOURCE:
DOCUMENT TYPE:
LANGUAGE:
DOCUMENT TYPE:
LANGUAGE:
17 60699-82-3P

HCAPLUS COPPRIGHT 2006 ACS on STN
1976:543348 HCAPLUS
CONSTITUENTS
SOURCE:
1976:543348 HCAPLUS
1976:543

CODEN: CJCHAG; ISSN: UUUU-suuz

DOCUMENT TYPE: Journal
IT 60699-82-3P
RL: RCT (Reactant); SFN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and cyclization of, nauclederine from)
RM 60699-82-3 HCAPLUS
CN 3-Pyridinecarboxylic acid, 5-(1-hydroxy-2-[(2-(1H-indol-3-yl)ethyl]aminojethyl]-, methyl ester (9CI) (CA INDEX NAME)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 21.29 379.20

FULL ESTIMATED COST 21.29 379.2

STN INTERNATIONAL LOGOFF AT 15:17:20 ON 08 JUL 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: ssptabf1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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Web Page URLs for STN Seminar Schedule - N. America
NEWS
                 "Ask CAS" for self-help around the clock
NEWS
                New STN AnaVist pricing effective March 1, 2006
NEWS
        FEB 27
                STN AnaVist $500 visualization usage credit offered
NEWS
        APR 04
                CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS
    5
        MAY 10
NEWS
        MAY 11
                KOREAPAT updates resume
NEWS
        MAY 19
                Derwent World Patents Index to be reloaded and enhanced
        MAY 30
                IPC 8 Rolled-up Core codes added to CA/CAplus and
NEWS
     8
                 USPATFULL/USPAT2
     9
NEWS
        MAY 30
                The F-Term thesaurus is now available in CA/CAplus
NEWS 10
         JUN 02
                 The first reclassification of IPC codes now complete in
                 INPADOC
                TULSA/TULSA2 reloaded and enhanced with new search and
NEWS 11
         JUN 26
                 and display fields
                 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 12
         JUN 28
                Coverage of Research Disclosure reinstated in DWPI
NEWS 13
         JUl 07
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NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

```
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NEWS X25 X.25 communication option no longer available
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=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 7 JUL 2006 HIGHEST RN 891019-54-8 DICTIONARY FILE UPDATES: 7 JUL 2006 HIGHEST RN 891019-54-8

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>

Uploading C:\Program Files\Stnexp\Queries\10517446\c.str

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chain nodes :
10 11 12 13 14 15 18 32
ring nodes :
1 2 3 4 5 6 7 8 9 20 21 22 23 24 25 26 27 28
chain bonds :
10-11 10-32 11-12 12-13 13-14 14-15 14-18
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 20-21 20-25 21-22 21-26 22-23
22-28 23-24 24-25 26-27 27-28
exact/norm bonds :
2-3 2-7 3-9 7-8 8-9 10-32 11-12 12-13 14-15 14-18 21-22 21-26 22-28
26-27 27-28
exact bonds :
10-11 13-14
normalized bonds :
1-2 1-6 3-4 4-5 5-6 20-21 20-25 22-23 23-24 24-25
```

G1:H,Ak

G2:H,CH3,Et

G3:[*1],[*2]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 18:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 32:CLASS

Generic attributes :

18:

Saturation : Unsaturated

Element Count :
Node 18: Limited

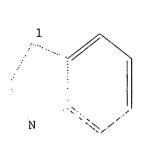
N, N1 C, C5

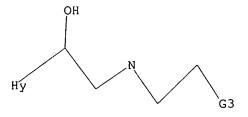
L1 STRUCTURE UPLOADED

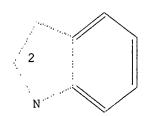
=> d

L1 HAS NO ANSWERS

L1 STR







G1 H, Ak

G2 H, Me, Et

G3 [01], [02]

Structure attributes must be viewed using STN Express query preparation.

=> s 11

07/08/2006

SAMPLE SEARCH INITIATED 15:23:01 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 10475 TO ITERATE

19.1% PROCESSED 2000 ITERATIONS 1 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 203367 TO 215633

PROJECTED ANSWERS: 203307 TO 213033

L2 1 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 15:23:04 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 209315 TO ITERATE

100.0% PROCESSED 209315 ITERATIONS 167 ANSWERS

SEARCH TIME: 00.00.16

L3 167 SEA SSS FUL L1

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 166.94 167.15

STN INTERNATIONAL LOGOFF AT 15:23:25 ON 08 JUL 2006